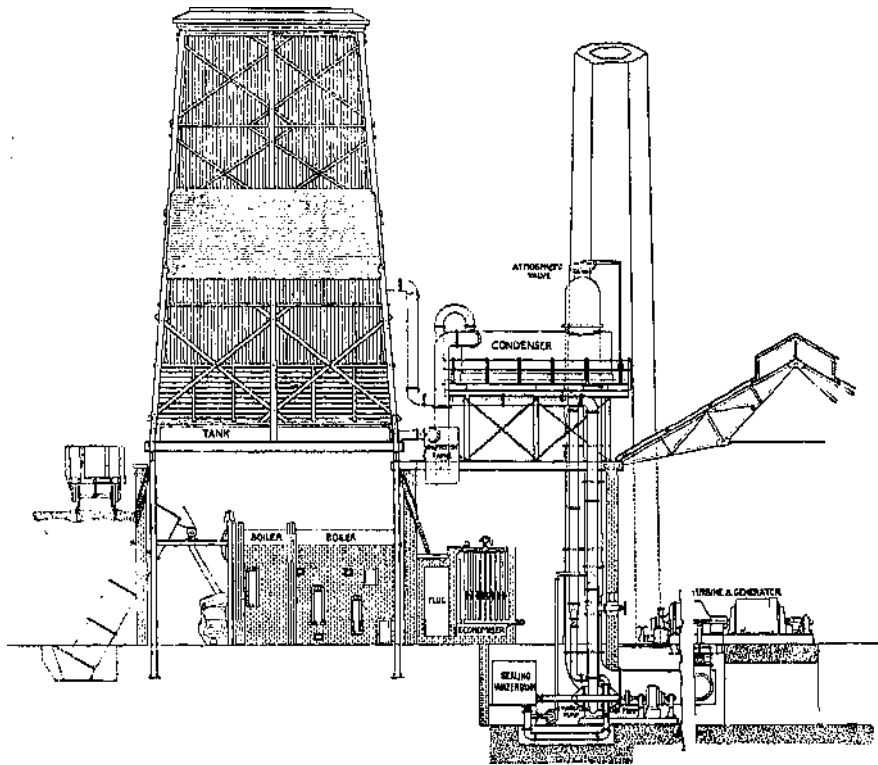


## WATER COOLING AND COOLING TOWERS 259

denser. When the tower is arranged at floor-level a pump would be necessary to inject the water into a barometric jet condenser.

When ground area is very restricted fan coolers may be adopted. The



Fig> 34<—Arrangement of Cooling Tower and Barometric Jet Condenser

air is forced into the base of the tower by fans, and the increased current of air due to the fans increases the cooling capacity accordingly. The power required by the driving motors and the necessary attention and upkeep constitute a serious drawback, and this type of cooler has not found much favour except for the conditions mentioned.